



Attorney Docket No. _____

Patent
033053-040

Handwritten: 1616, B, \$

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Kenneth C. Cundy et al.

Application No.: 09/974,768

Filing Date: October 9, 2001

Title: BILE-ACID CONJUGATES FOR PROVIDING SUSTAINED SYSTEMIC CONCENTRATIONS OF DRUGS

Group Art Unit: 1616

Examiner: BARBARA P BADIO

Confirmation No.: 6895

FOURTH
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a FOURTH Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☒ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☒ Charge 180.00 to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By

Melissa M. Hayworth
Melissa M. Hayworth
Registration No. 45,774

Date: July 21, 2005



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**For: BILE-ACID CONJUGATES FOR
PROVIDING SUSTAINED SYSTEMIC
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Examiner: BARBARA P BADIO

Confirmation No.: 6895

FOURTH INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted after the close of prosecution but prior to, or concurrently with, the payment of the issue fee, therefore under 37 C.F.R. § 1.97(d) a statement and the fee set forth in 37 C.F.R. § 1.17(p) are enclosed.

A fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is enclosed.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement. A copy of a European search report from EP application 01 97 9953, dated May 25, 2005, is attached.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

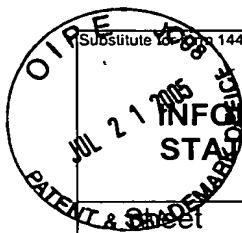
07/22/2005 HALI11 00000141 024800 09974768

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Date July 21, 2005

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Substitute Form 1449A/PTO & 1449B/PTO

**FOURTH
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

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|------------------------|-------------------------|
| Application Number | 09/974,768 |
| Filing Date | October 9, 2001 |
| First Named Inventor | Kenneth C. Cundy et al. |
| Examiner Name | Barbara P. Badio |
| Attorney Docket Number | 033053-040 |

U.S. PATENT DOCUMENTS

| Examiner Initials | Document Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Issue/Publication Date (MM-DD-YYYY) |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials | Document Number | Kind Code (if known) | Country | Date of Publication (MM-DD-YYYY) | STATUS | | | | | | |
|----------------------|--------------------|-------------------------|---------|--|-------------|------------------------|-----------------------|------------------|------|----------|------------------|
| | | | | | Translation | Partial Translation | Eng. Lang. Summary | Search Report | IPER | Abstract | Cited in Spec |
| | WO 01/76531 | A2 | PCT | 10-18-2001 | | | | | | | |
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NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
|----------------------|---|
| | Wess, G., et al., "Synthesis of Bile Acid - Drug Conjugates: Potential Drug - Shuttles for Liver Specific Targeting", <i>Tetrahedron Letters</i> 34(5):819-822 (1993). |
| | Wess, G., et al., "Preparation of 3 α -and 3 β -(ω -Aminoalkoxy)-7 α , 12 α -Dihydroxy-5 β -Cholanoic Acid Esters: Versatile Shuttles for Drug Targeting, <i>Tetrahedron Letters</i> 34(5):817 (1993). |
| | European Search Report from EP01 97 8853 dated May 25, 2005. |
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| Examiner Signature | Date Considered |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.